

LET US JOIN HANDS TO MAKE SWACHH BHARAT A REALITY

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V.S.T. TILLERS TRACTORS LTD.

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INTRODUCTION

V.S.T. Tillers Tractors Ltd. in line with the national campaign “Swachh Bharat” has developed an innovative and affordable package that can be used with VST Shakti tractors. Customized attachments have been developed exclusively for this activity.



WHY V.S.T. SHAKTI TRACTORS ARE MOST SUITABLE FOR SWACHH BHARAT

- It is India's first compact 4 wheel drive tractor in 18.5, 22 & 27 HP models
- Light in weight
- Well balanced engine for less vibration
- Turning radius : with brake 2.1 mtrs (6.9 ft), easy maneuverability and compact size suitable to enter narrow lanes
- Unique Japanese design
- Wide service & spares network availability
- Good resale value
- Established brand name with decades of goodwill among the farming community
- Lasts for a lifetime.

*Average fuel consumption is measured for each operation under ideal condition and may vary under real world driving condition.

ROAD SWEEPER

END OF MANUAL SCAVENGING / BROOMING



- Road sweeper is useful for cleaning roads using mechanically rotating steel brushes
- Dust collected is stored in a closed box
- Driven by the tractor PTO shaft and carried using three point linkage system
- Effective sweeping coverage diameter is 1.20 mt (4 ft)
- Adjustable steel brushes for better performance
- Dust collection box capacity ~ 0.07 cu mts.

TREE BRANCHES PRUNING / ELECTRIC POLE MAINTENANCE



- Scissor lift platform is hydraulically operated at operator's convenience
- Height adjustable platform for cutting tree branches and cleaning / changing electric fittings
- Useful in narrow roads due to small turning radius of the tractor
- Hydraulic pump is driven through the Tractor PTO shaft
- Safe load at the maximum lift height of the table is 300 kgs
- Maximum height of the platform is 7.0 mts (23.50 ft)
- Adequate safety features are available:
 - Boom lock when the platform is stabilized
 - Hand pump for lowering the table in emergency
 - Lock valves in all cylinders in case of hose burst/leakage
- Pressure relief valve is provided to protect the total hydraulic system from overload.

ROAD SIDE OPEN DRAIN CLEANING ATTACHMENT



- Specially designed for open ditch cleaning drawn by trailer fitted to the tractor
- Silt collected by bucket from open ditch is directly emptied into the trailer to avoid re-handling of collected silt
- Bucket capacity ~ 0.04 cu mts
- Maximum lifting height is 2.60 mts (8.7 ft), depth below ground level is 1.20 mts (4.0 ft)
- Hydraulic pump is driven by the Tractor PTO shaft
- Levers to control various operations provided close to the operator's seat
- Hydraulic stabilizers are available for safe silt collection/transfer.

FOGGING ATTACHMENT



- Fogger is used for dispensing oil based insecticides, fungicides, germicides, disinfectants and odour control
- Heavy duty thermal fogger can be used in any part of India to control mosquitoes
- It has a powerful engine with high fuel efficiency and variable fog output
- The chassis is strongly built to be fitted on a trailer for secured mounting and use
- It has wired remote control operation with ease of start / stop functions by the tractor operator from his seat.



FRONT END LOADER



- Very useful attachment that replaces labor required to remove / transport wet and dry garbage
- Robust & compact in design
- Works with the hydraulic system of the tractor for loading & unloading the wet and dry garbage
- Load can be lifted to a height of 1.83 mtrs (6 ft) and shifted to a trailer
- Maximum lifting capacity 225 kgs
- Consumption of diesel is 2.25 ~ 2.50 lts / hr
- Effective and useful in narrow lanes due to the compact size of the tractor and attachment.

WATER TANKER

- Capacity of the Water tank is 2000 litres, which can be easily transported
- Standard ~ 2.43 x 1.37 x 0.61 mtrs (8 x 4.5 x 2 ft) (L x W x H)
- Average consumption of diesel is 2.5 lts / hr.



SULLAGE TANK



- This is useful to remove human waste from the Septic tanks where there is no availability of drainage system
- A suction pump is provided to remove waste, which will be collected in the tanker for disposal.
- Average consumption of diesel is 2.5 lts / hr

HAULAGE

- Trailer of 3 tons capacity can be fitted for transportation
- Primarily useful for transporting wet and dry waste
- Easy to load and unload garbage with lower capacity of tipping mechanism
- Types of Trailers:
 - Standard – 2.43 x 1.37 x 0.61 mtrs (8 x 4.5 x 2 ft) (L x W x H)
 - Mechanical Tipping as well as hydraulic tipping
 - Average consumption of diesel is 2.5 lts / hr.

